



E-Health & Innovation
to overcome barriers in Neuromuscular Diseases



20-21 MARCH 2020

ARSENALI REPUBLICANI

PISA-ITALY

The Congress is purposed to address, in the frame of a patient-focused assistive technology, various relevant issues related to digital health in Neuromuscular Diseases, from diagnosis to treatment, patient monitoring and his real life world.

Organising Scientific Committee

Gabriele Siciliano (IT)
Sabrina Sacconi (FR)
John Vissing (DK)

Advisory Scientific Committee

Corrado Angelini (IT)
Teresinha Evangelista (FR)
Hans Lochmuller (CA)
Jordie Manera (ES)
Benedikt Schoser (DE)
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Under the auspices of:

AIM, ERN, EAN, RD-Connect, NMDs Patient Associations, Charity and Institutional Research Bodies

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<http://www.marcomm.it/eNMD2020/>

Addressed to:

Neurologists, Physiatriests, Neuroradiologists, Physiotherapists, BioEngineers, Cybernetics Engineers, BioInformatics, Bio and Pharmaceutical Technology Researchers

PRELIMINARY PROGRAM

Friday 20th March

13.30- Registration

14.00 – 15.30 **Satellite Symposium:** Molecular biotechnology for drug development and innovative therapeutic strategies in Neuromuscular Diseases

15.30-15.50 **Greetings and introduction:** G. Siciliano (I), Teresinha E (Fr), M. Marra (I)- Where tradition meets innovation in NMD

15.50 **Lecture 1-** Artificial intelligence for NMD: facts and perspectives

16.15- **Coffee break**

16.35 **Lecture 2-** Telemedicine and mobile health: new tools in caring of patients with neuromuscular disorders

17,00 -18.30- **Session 1-** Artificial Intelligence for NMD: Ethical issues and the voice of patients, EU-exchange strategies, new drug economic sustainability

19.00- **Welcome reception**

Saturday 21th March

8.00-9.00- Starts up and Innovation- A guided tour

Core program : A journey along the patient real life

9.00-10.30- **Session 2- Diagnosis:** Big data for Biological Systems, Digital biomarkers, Nerve-Muscle Imaging, Tissue Pathology

10.30- **coffee break**

11.00-13.00- **Session 3- Therapies:** Digital outcome measures, E-Registries, Treatment Effectiveness Monitoring

13.00- **Lunch**

14-15.00- **Pitch session 1-** Domestic systems for enhancing autonomy and QoL in NMD

15.00-16.30- **Session 4- Rehabilitation:** Biosensors and Connecting devices, Robotics

16.30- **coffee break**

16.45-17.45- **Pitch session 2-** What's new on e-Health in NMD: visionary or reality?

17.45- **Conclusive remarks**